

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference TW/4-22810	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/EP 03/50913	International filing date (day/month/year) 01/12/2003	(Earliest) Priority Date (day/month/year) 10/12/2002
Applicant CIBA SPECIALTY CHEMICALS HOLDING INC.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No. _____

☐ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

☐ None of the figures.

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/EP 03/50913

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 D06L3/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 D06L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 030 917 A (CIBA GEIGY AG) 24 June 1981 (1981-06-24) page 16, line 33 - page 18, line 15 example 22 -----	1-11
A	EP 0 240 461 A (CIBA GEIGY AG) 7 October 1987 (1987-10-07) page 2, line 1 - page 4, line 30 -----	1-11
A	WO 99/05356 A (CLARIANT GMBH) 4 February 1999 (1999-02-04) page 1, line 30 - page 3, line 11 -----	1-11
A	US 4 105 399 A (LUTHI CHRISTIAN) 8 August 1978 (1978-08-08) column 1, line 34 - line 43 ----- -/--	1-11

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents :

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

26 March 2004

Date of mailing of the international search report

06/04/2004

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INTERNATIONAL SEARCH REPORT

International Application No.

PCT/EP 03/50913

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 33 13 332 A (HOECHST AG) 18 October 1984 (1984-10-18) page 6, line 9 - page 7, line 6 -----	1-11

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/50913

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0030917	A	24-06-1981	CH 650792 A5	15-08-1985
			BR 8008161 A	30-06-1981
			CA 1175608 A1	09-10-1984
			DE 3070041 D1	07-03-1985
			EP 0030917 A2	24-06-1981
			ES 8205746 A1	01-11-1982
			ES 8206433 A1	16-11-1982
			JP 1152161 A	14-06-1989
			US 4785128 A	15-11-1988
			US 5001253 A	19-03-1991
			US 4778623 A	18-10-1988
			JP 1603780 C	22-04-1991
			JP 2024867 B	30-05-1990
			JP 56092962 A	28-07-1981
EP 0240461	A	07-10-1987	BR 8701478 A	19-01-1988
			DE 3769352 D1	23-05-1991
			EP 0240461 A1	07-10-1987
			JP 62236865 A	16-10-1987
WO 9905356	A	04-02-1999	DE 19732109 A1	28-01-1999
			WO 9905356 A1	04-02-1999
			EP 0998605 A1	10-05-2000
			US 6120704 A	19-09-2000
US 4105399	A	08-08-1978	CH 577062 B5	30-06-1976
			BE 819516 A1	04-03-1975
			CA 1033515 A1	27-06-1978
			CH 1273673 A	30-01-1976
			DE 2441102 A1	06-03-1975
			FR 2270363 A1	05-12-1975
			GB 1471179 A	21-04-1977
			IT 1021623 B	20-02-1978
			JP 1169736 C	17-10-1983
			JP 50053677 A	12-05-1975
			JP 57061058 B	22-12-1982
			NL 7411413 A	07-03-1975
			US 4008166 A	15-02-1977
DE 3313332	A	18-10-1984	DE 3313332 A1	18-10-1984